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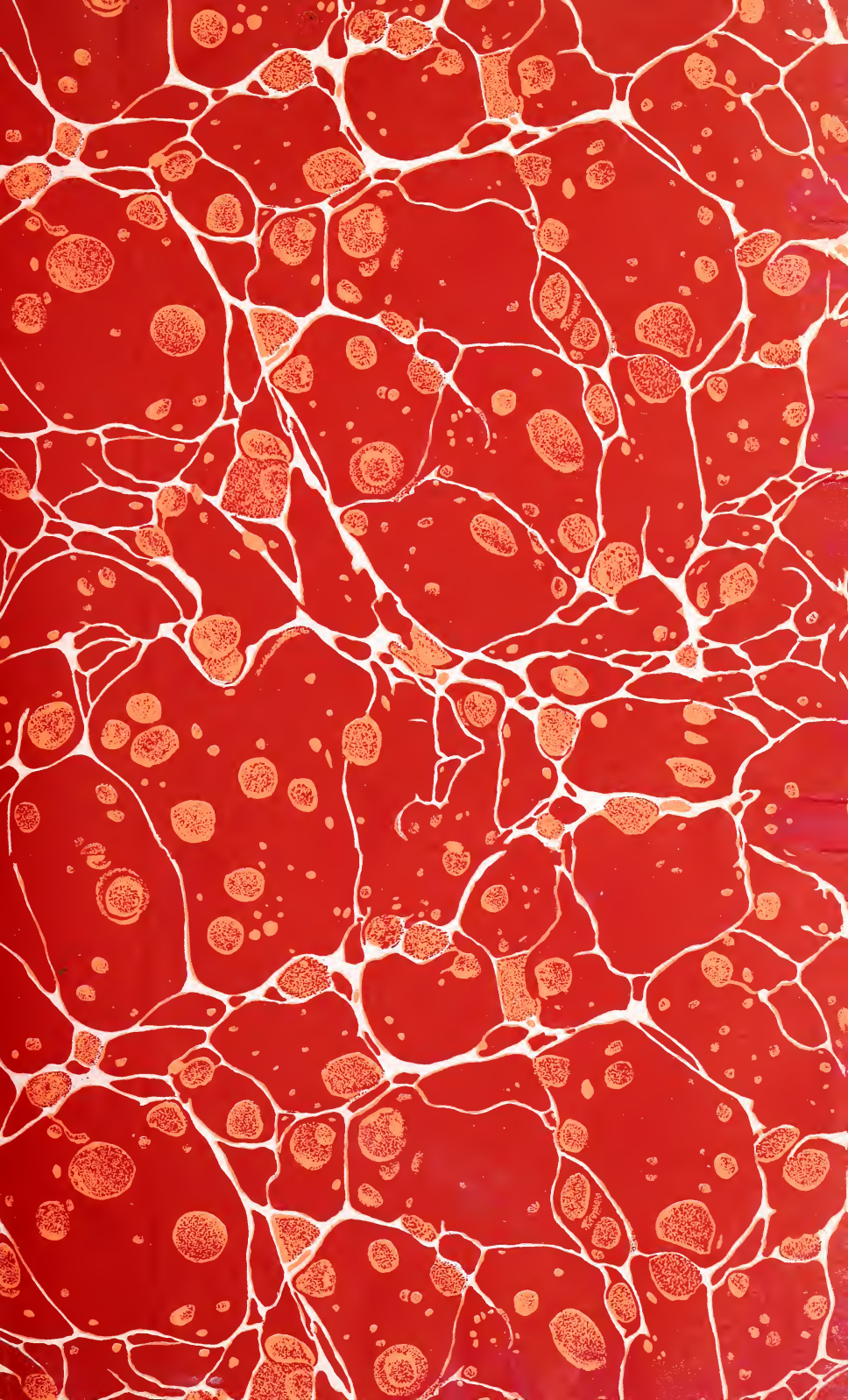
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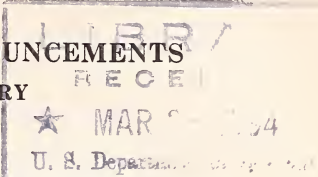


UNITED STATES DEPARTMENT OF AGRICULTURE

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

JANUARY 1934



[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D.C., at 5 cents each or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

- *533—A. Perry Packing & Provision Co. of Iowa, Perry, Iowa.
- ‡679. Hofherr Meat Products, 539 South Clark Street, Chicago, Ill.

Meat Inspection Extended

- 405. A. Fink & Sons, Inc., Newark, N.J., to include Bushwick Pork Packing Co., Inc.
- 651—A. Bushwick Pork Packing Co., Inc., Brooklyn, N.Y., to include A. Fink & Sons, Inc.; Hygrade Food Products Corporation; Sullivan Packing Co.; Begley Food Products Co.; American Provisions Export Co.; Western Packing & Provision Co.; Allied Packers, Inc.; Parker-Webb Co.; Klinek Packing Co.; F. Schenk & Sons Co.; Hygrade Provision Co., Inc., Carmel Kosher Provision Co., Inc.; Bronx Provision Corporation of New York; Chris. Grozinger Corporation of New York; and B. S. Pincus.

Change of Name of Official Establishment

- 207. Hansen and Muchardt Co., Railroad Avenue and Secaucus Road, North Bergen, N.J., instead of Hansen & Chester.

Change of Official in Charge

- Dr. J. R. Porteus succeeds Dr. Ellis E. McCoy as inspector in charge at Trenton, N.J.

Change of Address of Official in Charge

- Dr. W. R. Richards, P.O. box 478, Watertown, S.Dak., instead of P.O. box 378.
- Dr. T. W. Cole, P.O. box 4937 (office 343, United States Courthouse and Post Office Building), Jacksonville, Fla., instead of 625 Hildebrant Building.

* Conducts slaughtering. ‡No sealed cars.

Dr. W. A. Sullivan, 302 Federal Building, Cheyenne, Wyo., instead of Committee Room 13, State Capitol.

New Station

Perry, Iowa, meat inspection, Dr. H. B. Fishback, care Perry Packing & Provision Co. of Iowa, in charge.

New Substation

Canton, S.Dak., enforcement of Packers and Stockyards Act, under Sioux City, Iowa.

NOTICE REGARDING MEAT INSPECTION

REPORTS ON LIVER FLUKES DESIRED

The Bureau desires to secure information on the distribution and prevalence of liver flukes in all classes of animals. Accordingly, inspectors are requested to render an F.I. Form 11-C report for each shipment or lot of slaughtered animals in which is found any animal infested with flukes or which shows evidence of having been so infested.

When definite information of the owner, feeder, or premises is not obtainable, the report should be made to cover as much information as possible indicating origin, such as the county and/or State, together with information concerning any identifying tag or tags which the shipment or lot bore at time of receipt.

The original report should be forwarded to Washington and a carbon copy promptly forwarded to the office of the livestock sanitary authority in the State where shipment originated.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, DECEMBER 1933 ¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	6,374	1,715	(²)	-----	67,155
Buffalo.....	5,913	1,702	6,202	-----	81,362
Chicago.....	129,847	34,710	285,454	-----	783,291
Cincinnati.....	12,218	4,952	4,938	-----	78,563
Cleveland.....	4,567	(²)	(²)	-----	51,341
Denver.....	7,644	1,363	(²)	-----	26,392
Detroit.....	5,158	4,132	15,160	-----	83,259
Fort Worth.....	19,727	18,759	11,558	-----	28,814
Kansas City.....	65,906	23,040	116,396	-----	241,084
Los Angeles.....	11,280	3,238	28,534	-----	23,877
Milwaukee.....	17,803	48,774	7,846	-----	114,797
National Stock Yards.....	50,017	26,571	34,687	-----	265,937
New York.....	30,170	49,476	202,687	-----	(²)
Omaha.....	71,151	5,931	138,792	-----	156,953
Philadelphia.....	5,754	7,258	14,393	-----	77,165
Sioux City.....	42,967	2,960	75,367	-----	170,657
South St. Joseph.....	25,286	(²)	(²)	-----	126,659
South St. Paul.....	39,716	54,433	66,157	-----	249,768
All other stations.....	169,255	112,841	381,944	439	1,902,590
Total:					
December 1933.....	720,753	401,855	1,390,115	439	4,529,664
December 1932.....	567,026	326,783	1,264,292	791	4,583,577
12 months ended:					
December 1933.....	8,655,259	4,906,632	17,353,550	6,397	47,225,518
December 1932.....	7,625,373	4,491,637	17,899,037	7,018	45,244,951
New York, Brooklyn, Jersey City, and Newark ³	39,268	59,725	248,773	-----	238,858

¹ Horses slaughtered:

December 1933.....	3,982
December 1932.....	5,299
12 months ended:	
December 1933.....	42,304
December 1932.....	64,165

² Included in "All other stations."

³ The slaughter figures in this group of cities are included in the figures above for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspections of lard at all establishments, 160,098,413 inspection pounds; compound and other substitutes, 20,252,089 inspection pounds; sausage, 53,775,115 inspection pounds; oleomargarine, 8,064,590 inspection pounds.

Corresponding inspections for December 1932: Lard, 179,828,733 inspection pounds; compound and other substitutes, 21,849,447 inspection pounds; sausage, 48,443,665 inspection pounds; oleomargarine, 6,386,753 inspection pounds.

(These totals of inspection pounds do not represent actual production as the same product may have been inspected and recorded more than once in the process of manufacture.)

CAUSES OF CONDEMNATION OF CARCASSES, NOVEMBER 1933

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation.....	1, 271	198	332	65
Hog cholera.....				2, 466
Inflammatory diseases.....	1, 623	317	807	2, 864
Immaturity.....		318		
Tuberculosis.....	2, 394	19	1	3, 024
Other causes.....	2, 043	193	859	4, 330
Total.....	7, 331	1, 045	1, 999	12, 749

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, DECEMBER 1933

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December 1933, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	13, 885			
Canada.....	1, 006	1	936	1
Panama Canal Zone.....				2
Virgin Islands (to Puerto Rico).....	163			
Total:				
December 1933.....	15, 054	1	936	3
December 1932.....	18, 827	73	69	44
12 months ended:				
December 1933 ¹	83, 811	265	2, 665	89
December 1932.....	107, 262	2, 338	2, 526	115

Imported meats and meat food products

Country of origin	Fresh and refrigerated meat		Canned and cured	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			2, 272, 932	3, 360	2, 276, 292
Australia.....				301	301
Brazil.....			294, 937		294, 937
Canada.....	322	11, 619	58, 626	10, 086	80, 653
New Zealand.....	1, 296	85		11, 909	13, 290
Paraguay.....			211, 496		211, 496
Uruguay.....			1, 251, 423	19, 936	1, 271, 359
Other countries.....			85, 066	33, 360	118, 426
Total:					
December 1933.....	1, 618	11, 704	4, 174, 480	78, 952	4, 266, 754
December 1932.....	29, 342	52, 926	1, 999, 813	177, 361	2, 259, 442
12 months ended:					
December 1933.....	204, 824	466, 686	46, 083, 592	1, 187, 427	47, 942, 529
December 1932.....	507, 937	1, 465, 154	25, 921, 936	2, 854, 774	30, 749, 801

¹ Included in the totals for the 12 months ended December 1933 are 3 cattle and 59 sheep omitted from the November report.

Condemned in December 1933: Beef, 4,748 pounds; pork, 167 pounds; total, 4,915 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER 1933

State	Tuberculin tests during		Total to date					Inspector in charge	State official
	Cattle tested	Cat-tle re-acted	Modified accredited counties		Once-tested-free herds	Acc-red-ited herds	Herds under super-vision		
			Num-ber	Per-cent					
Ala.....	6, 673	7	20	30	80, 852	309	81, 161	R. E. Jackson....	C. A. Cary, Auburn
Ariz.....	687	2	0	0	9, 766	3	9, 890	F. L. Schneider..	C. T. Guilfoyle, Phoenix.
Ark.....	2, 014	0	8	11	32, 255	5	32, 260	S. H. Still.....	C. D. Stubbs, Little Rock.
Calif....	30, 715	1, 197	6	10	24, 904	104	25, 752	W. E. Howe.....	C. U. Duckworth, Sacramento.
Colo.....	93	0	0	0	9	41	58	J. O. Wilson.....	R. M. Gow, Denver.
Conn.....	21, 668	474	1	13	2, 713	8, 582	12, 691	R. L. Smith.....	Edwin R. Dimock, Hartford.
Del.....	2, 626	24	1	33	4, 901	2, 222	7, 542	E. B. Simonds...	Ralph C. Wilson, Dover.
D.C.....	0	0	1	100	45	2	47	A. E. Wright.....	J. V. Knapp, Tallahassee.
Fla.....	23, 884	4	46	69	23, 581	83	25, 685	T. W. Cole.....	J. M. Sutton, Atlanta.
Ga.....	3, 241	1	79	49	134, 924	40	134, 964	W. C. Dendinger	Thomas W. White, Boise.
Idaho....	4, 538	9	44	100	51, 298	40	51, 347	John T. Dallas...	D. W. Robison, Springfield.
Ill.....	98, 588	640	98	96	88, 214	5, 841	241, 870	J. J. Lintner.....	J. L. Axby, Indianapolis.
Ind.....	17, 223	63	92	100	182, 541	2, 197	187, 397	H. Busman.....	H. A. Seidell, Des Moines.
Iowa....	119, 583	1, 518	80	81	100, 000	1, 765	200, 000	J. A. Barger.....	J. H. Mercer, Topeka.
Kans....	7, 713	51	62	59	119, 533	587	120, 519	N. L. Townsend..	D. E. Westmoreland, Frankfort.
Ky.....	6, 028	20	120	100	163, 597	24	163, 797	W. F. Biles.....	E. P. Flower, Baton Rouge.
La.....	1, 128	14	0	0	6, 010	7	6, 307	B. F. Gooch.....	H. M. Tucker, Augusta.
Maine...	8, 865	5	16	100	43, 093	672	43, 817	J. R. Corliss....	James B. George, Baltimore.
Md.....	17, 658	150	6	26	25, 549	14, 278	47, 020	E. B. Simonds....	E. F. Richardson, Boston.
Mass....	21, 487	992	2	14	11, 522	7, 590	19, 592	E. A. Crossman...	C. H. Clark, Lansing.
Mich....	20, 830	30	83	100	202, 688	65	202, 933	T. S. Rich.....	C. E. Cotton, St. Paul.
Minn....	128, 016	613	70	81	162, 951	3, 228	167, 418	W. J. Fretz.....	Charles E. O'Neal, Jackson.
Miss....	2, 851	1	11	13	30, 598	14	30, 618	H. Robbins.....	Hugh E. Curry, Jefferson City.
Mo.....	29, 348	102	27	24	24, 772	184	137, 382	Ralph Graham...	W. J. Butler, Helena.
Mont....	10, 394	29	22	39	44, 236	91	44, 314	J. W. Murdoch...	A. H. Feistner, Lincoln.
Nebr....	11, 781	164	49	53	86, 900	90	86, 995	A. H. Francis....	Edward Records, Reno.
Nev.....	2, 213	17	17	100	3, 437	5	3, 442	R. A. Given.....	A. L. Felker, Concord.
N.H.....	18, 978	66	10	100	4, 197	13, 090	17, 294	E. A. Crossman..	J. H. McNeil, Trenton.
N.J.....	13, 734	755	2	10	5, 604	10, 017	16, 691	J. R. Porteus....	W. A. Naylor, Albuquerque.
N.Mex..	5, 004	9	7	23	8, 909	8	9, 154	F. L. Schneider..	E. T. Faulder, Albany.
N.Y.....	130, 491	670	32	52	19, 737	104, 738	131, 710	H. B. Leonard...	William Moore, Raleigh.
N.C.....	2, 715	2	100	100	256, 282	276	256, 860	A. L. Hirleman...	T. O. Brandenburg, Bismark.
N.Dak..	26, 112	59	53	100	74, 436	5, 385	87, 079	H. H. Cohenour..	D. C. Hyde, Columbus.
Ohio....	83, 869	735	88	100	246, 500	456	248, 403	A. J. De Fosset..	C. C. Hise, Oklahoma City.
Okla....	50, 196	198	11	14	44, 741	156	45, 053	L. J. Allen.....	W. H. Lytle, Salem.
Oreg....	8, 905	29	29	81	90, 125	1, 277	91, 417	S. B. Foster.....	T. E. Munce, Harrisburg.
Pa.....	70, 187	1, 607	50	75	138, 456	8, 408	171, 539	J. B. Reidy.....	T. E. Robinson, Providence.
R.I.....	2, 183	136	0	0	806	734	1, 756	E. A. Crossman..	W. K. Lewis, Columbia.
S.C.....	1, 558	0	35	76	67, 081	126	67, 212	W. K. Lewis.....	

¹ Not including part of 1 county.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER 1933—Continued

State	Tuberculin tests during		Total to date					Inspector in charge	State official
	Cattle tested	Cattle re-acted	Modified accredited counties		Once-tested-free herds	Accredited herds	Herds under supervision		
			Num-ber	Per-cent					
S. Dak.	3,637	99	3	4	5,264	794	6,434	C. H. Hays	T. H. Ruth, Pierre.
Tenn.	12,928	29	155	58	190,948	43	191,051	H. L. Fry	A. C. Topmiller, Nashville.
Tex.	20,449	27	15	6	49,190	220	50,554	H. L. Darby	L. C. Crabb, Fort Worth.
Utah	2,092	19	29	100	50,682	127	51,766	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt.	31,364	2,702	2	14	7,899	12,189	22,577	L. H. Adams	Edward H. Jones, Montpelier.
Va.	15,455	17	82	82	141,354	715	142,319	R. E. Brookbank	H. C. Givens, Richmond.
Wash.	12,788	47	37	95	51,628	68	67,659	J. C. Exline	Robert Prior, Olympia.
W. Va.	3,760	11	55	100	112,184	565	113,992	H. M. Newton	J. B. McLaughlin, Charleston.
Wis.	30,708	459	71	100	183,978	9,248	194,448	J. S. Healy	Walter Wisnicky, Madison.
Wyo.	2,129	42	0	0	815	5	912	W. A. Sullivan	H. D. Port, Cheyenne.
Total.	1,149,087	13,845	1,727	56	3,411,705	216,714	4,070,698		

¹ Not including part of 1 county.² Not including 76 towns.

SUMMARY OF HOG-CHOLERA-CONTROL WORK, DECEMBER 1933

State	Bureau veterinarians engaged in work ¹	Meetings addressed	Premises investigated	Demonstrations		Autopsies performed	Out-breaks reported to Bureau veterinarians
				Number	Hogs treated		
Alabama	1		100				
Florida	1		89	18	390	2	13
Georgia	1	1	177			3	4
Illinois	3	1	104	1	4	50	33
Indiana	2		114			8	6
Iowa	2	2	92	1	45	9	36
Kansas	.5		90				
Kentucky	2	1	190	2	111	10	10
Louisiana	.3		3	7	85		4
Maryland	2		165			8	10
Michigan	1		41	1	22	6	17
Mississippi	1		91				
Missouri	1	3	41			20	11
Nebraska	1		46	4	114	14	4
North Carolina	1		62	24	1,064	12	17
Ohio	1		29			3	22
South Carolina	1		55	51	620	1	30
South Dakota	1		40			1	20
Tennessee	.5		41				5
Texas	1		44			8	4
Virginia	1		186			5	2
Washington	.7		28			1	1
Wisconsin	1		18	2	50	8	8
Total	28.0	8	1,746	111	2,505	169	257

¹ Fractions denote veterinarians devoting part time to work.

NOTE.—No work reported from States not listed.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES, DECEMBER 1933

Period	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	Cc	Cc	Cc	Cc	Cc
December 1933.....	74, 818, 298	69, 178, 323	78, 644, 319	2, 392, 548	12, 532, 715
December 1932.....	56, 420, 458	53, 138, 239	65, 177, 127	2, 154, 578	11, 821, 077
12 months ended:					
December 1933.....	888, 862, 925	802, 310, 706	975, 865, 573	64, 023, 607	175, 271, 537
December 1932.....	1, 071, 347, 667	952, 106, 219	1, 141, 146, 334	54, 780, 702	198, 024, 792

PERMITS ISSUED FOR BIOLOGICAL PRODUCTS, DECEMBER 1933

Permit no. 9 was issued December 12, 1933, to Burroughs Wellcome & Co., Inc. 9 and 11 East Forty-first Street, New York, N.Y. for the importation during 1934 of: Anti-leptospira serum (canine); canine-distemper tissue vaccine; lamb-dysentery antitoxin; lamb-dysentery bacterin; leptospira bacterin (canine), manufactured by the Wellcome Physiological Research Laboratories, Langley Court, Beckenham, Kent, England.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

Docket no. 402.—In re C. H. Acker & Co. and 158 other market agencies, Chicago, Ill. This is a proceeding under title III of the Packers and Stockyards Act, instituted by the Acting Secretary of Agriculture on September 23, 1932, for the purpose of determining the lawfulness of any and all rates and charges of respondents at the Chicago Union Stock Yards. A hearing was held in Chicago from May 15 to August 18, 1933, and adjourned to be resumed in Washington on October 20, 1933. The hearings were completed on November 7, and on November 24 counsel for respondent order buyers filed a written brief and argument for the order buyers and for the traders whose petition for intervention had been denied. Oral argument was had before the Secretary of Agriculture on December 13, 1933. On consideration of the entire record it was found that the respondents' schedules under investigation contain rates and charges which are unreasonable and unjustly discriminatory. On January 8, 1934, the Secretary issued an order prescribing reasonable and just rates and charges for selling and buying livestock on a commission basis at the Chicago Union Stock Yards, which are lower than those now in effect. This order becomes effective 60 days from date it was issued.

Docket no. 433.—In re Farmers National Livestock Commission, market agency, St. Louis, Mo. The Acting Secretary of Agriculture on November 7, 1933, issued an inquiry, alleging that the respondent was insolvent in that it was unable to pay its debts as they became due in the usual course of business, and that between October 24 and November 7, 1933, it had failed to execute and maintain a reasonable bond to secure its obligations incurred as a market agency. Respondent admitted it was insolvent and waived a hearing. On January 12, 1934, the respondent was suspended from registration as a market agency for a period of 6 months with leave during said period to apply for a revocation of this suspension upon satisfactory proof to the Secretary of Agriculture that it is then solvent. That portion of the inquiry alleging failure to execute and maintain a bond was dismissed as the record discloses that respondent did not receive any consignments of livestock during that period.

Docket no. 434.—In re J. G. Rogers, market agency and dealer, Paris and other Kentucky markets. The Acting Secretary of Agriculture issued an inquiry on November 8, 1933, alleging that respondent had violated the Packers and Stockyards Act in that he had failed, neglected, and refused to execute and maintain a reasonable bond to secure the performance of his obligations incurred as a market agency and dealer. On December 22, 1933, respondent admitted the truth of the matters and things alleged and waived a hearing thereon. On January 24, 1934, respondent was suspended from registration as a market agency and dealer for a period of 6 months, with leave during said period to apply for a revocation of this suspension upon showing to the satisfaction of the Secretary of Agriculture that he has filed a reasonable bond to secure the performance of his obligations, or has furnished other satisfactory guaranty. Re-

spondent was also ordered to cease and desist from doing business as a market agency and dealer without executing and maintaining a reasonable bond, or some other satisfactory plan of guaranty.

Docket no. 436.—In re Morris Hancock, market agency and dealer, National Stockyards, Ill. The Acting Secretary of Agriculture on December 1, 1933, issued an inquiry alleging that respondent had engaged in and used unfair and deceptive practices and devices in connection with the buying and selling of livestock in commerce at the St. Louis National Stockyards. On December 22, 1933, the respondent admitted the truth of the matters and things alleged and waived a hearing thereon. On January 30, 1934, respondent was suspended from registration as a market agency and dealer for a period of 6 months. He was also ordered to cease and desist from engaging in and using unfair and deceptive practices and devices in connection with the buying and selling of livestock in commerce at the St. Louis National Stockyards.

Stockyards Posted

The Canton Livestock Co. stockyards, located at Canton, S.Dak., was posted as coming within the jurisdiction of the Packers and Stockyards Act on January 3, 1934.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Meat Inspection Law

For offering meat processed without Federal inspection for interstate shipment: Lazar Kosher Sausage Co., Chicago, Ill., \$125 fine.

NICOTINE DIP FOR SCABIES

Permission withdrawn

Dosch Nicotine Sulphate the use of which has been permitted in the official dipping of cattle and sheep for scabies is no longer being manufactured and has, therefore, been removed from the list of permitted products.

PERMITTED ARSENICAL CATTLE DIPS

List of arsenical cattle dips permitted for use in the official dipping of cattle for fever ticks, revised to Jan. 10, 1934

Name of dip	Manufacturer
Atlas Cattle Dip Improved.....	Chipman Chemical Engineering Co., Inc., 95 Liberty Street, New York, N.Y.
Cooper's Cattle Dip.....	Wm. Cooper & Nephews, Cooper Building, Chicago, Ill.
Crearsen.....	Thompson Hayward Chemical Co., Twenty-ninth and Southwest Boulevard, Kansas City, Mo.
Glidden Tik Dip.....	The Glidden Co., Cleveland, Ohio.
Hex Arsenical Dip.....	American Tar Products Co., Providence, R.I.
Jen-Sal Arsenical Dip.....	Jensen-Salsbery Laboratories, Inc., Twenty-first and Penn Streets, Kansas City, Mo.
Kiltik D.....	The Sherwin Williams Co., Cleveland, Ohio.
Key Dip.....	Interstate Chemical Manufacturing Co., Carbon Place and Westside Avenue, Jersey City, N.J.
Lariat Arsenical Dip.....	General Chemical Co., 40 Rector Street, New York, N.Y.
Ole General Nix-Tix.....	General Industries, Inc., 1123 West Adams Street, Jacksonville, Fla.
Probovis.....	Lehn & Fink, Bloomfield, N.J.
Rogers Tick Dip.....	Detroit White Lead Works, Detroit, Mich.
Rogers Tick Dip "D".....	Do.
Selg's Arsenical Cattle Dip.....	The Selig Co., 336 Marietta Street, Atlanta, Ga.
Supertest Cattle Dip.....	Consolidated Drug Corporation, 227 South Peters Street, New Orleans, La.
Tic Tox.....	Baird & McGuire, Inc., Holbrook, Mass.
"Tick-Off" Cattle Dip.....	Chemical Compound Co., Houston, Tex.
U. S. Tick Dip.....	U. S. Sanitary Specialties Corporation, 435 South Western Avenue, Chicago, Ill.

Distributors of arsenical dips

Distributed under name of—	Dip distributed	Distributor
Burch's Tikdip.....	Cooper's Cattle Dip.....	F. S. Burch & Co., Chicago, Ill.
Hex Arsenical Dip.....	Hex Arsenical Dip.....	Koopers Products Co., Providence, R.I.
Hockwald's Tik-Tok Arsenical Dip.....	Tic Tox.....	Hockwald Chemical Co., San Francisco, Calif.
Martin-Senour Dip.....	Kiltik D.....	The Martin-Senour Co., Chicago, Ill.
"Tick-Off" Cattle Dip.....	"Tick-Off" Cattle Dip.....	H. B. Pollard, Houston, Tex.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin 405. Field and Laboratory Studies on the Behavior of the Larvae of the Swine Kidney Worm, *Stephanurus dentatus*. By L. A. Spindler, Zoological Division. Pp. 18.

Circular 306. Trembles' (or Milk Sickness). By James Fitton Couch, Pathological Division. Pp. 12, figs. 7.

Circular 308. Comparison of Rambouillet, Corriedale, and Columbia Sheep under Intermountain Range Conditions. By J. M. Cooper and John A. Stoehr, Animal Husbandry Division. Pp. 16, figs. 6.

Farmers' Bulletin 1069 (revised). Tuberculosis in Livestock; Detection, Control, and Eradication, by A. E. Wight, Tuberculosis Eradication Division. Pp. 18, figs. 11.

Farmers' Bulletin 1199 (revised). Judging Sheep. By G. H. Bedell, Animal Husbandry Division. Pp. 18, figs. 27.

Leaflet 102. Eradicating Tuberculosis from Poultry and Swine. By Elmer Lash, Tuberculosis Eradication Division. Pp. 8, figs. 7.

Extension Animal Husbandman, December 1933. By C. D. Lowe and K. F. Warner, Animal Husbandry Division. Pp. 24, mimeographed.

Amendment 6 to B.A.I. Order 340. Declaring Names of Counties Placed in Modified Accredited Areas for Tuberculosis. Effective January 2, 1934. P. 1, mimeographed.

Map showing quarantine for tick fever of cattle. December 1, 1933. 12 by 24 inches. (Two colors.)

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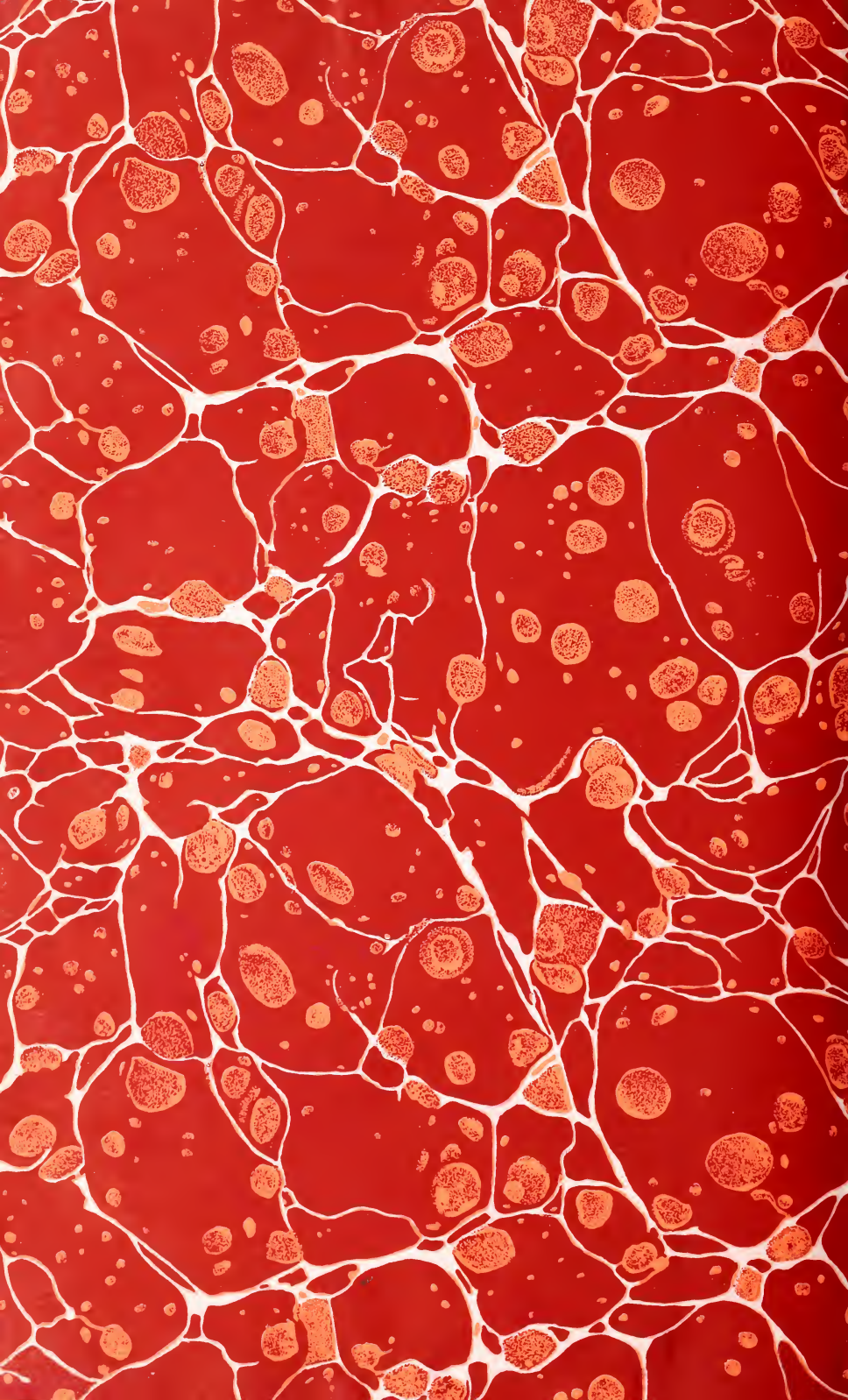
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